

Speaker and my colleagues to do something to debate campaign finance reform now. Let us do it next week and get this bill on the floor to debate it.

#### U.S. SETS EXAMPLE AGAINST ETHNIC CLEANSING

(Mr. EHLERS asked and was given permission to address the House for 1 minute and to revise and extend his remarks.)

Mr. EHLERS. Mr. Speaker, I have been in the Congress just a bit over 5 years now, and what has impressed me is the breadth of issues we deal with and the number of troubles that we constantly are called to address, whether in this Nation or abroad. Some of them are heartbreaking.

Right now of course we have the situation in Kosovo, with over half a million and perhaps as many as a million refugees within Kosovo and outside its borders. It is heartbreaking to watch these people, to meet them, to talk to them.

We have had similar situations in Bosnia, where approximately 300,000 were killed in ethnic cleansing; in Haiti with the difficulties there; currently in the Sudan, with approximately 2 million people dead from either warfare or starvation and the situation getting worse.

Even in our Nation we have problems, whether it is the shooting in Littleton or a tornado in Oklahoma. Sometimes it is easy to get discouraged. But one thing that heartens me is this Nation and its faith in this country and its faith in God. We see evidences of that over and over again as we unite together to face adversity.

We do not engage in ethnic cleansing in this country. We try to learn about each other, to accommodate to each other, to help each other. We do not argue about our religions; we discuss them. We try to express our faith in the manner we best know how.

I believe that we set an example for many others, and I do thank every day the founders of this Nation and the God who guided them in the founding and forming of this Nation.

#### ADJOURNMENT TO MONDAY, MAY 17, 1999

Mr. WHITFIELD. Mr. Speaker, I ask unanimous consent that when the House adjourns today, it adjourn to meet at 2 p.m. on Monday next.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Kentucky?

There was no objection.

#### HOOR OF MEETING ON TUESDAY, MAY 18, 1999

Mr. WHITFIELD. Mr. Speaker, I ask unanimous consent that when the

House adjourns on Monday, May 17, 1999, it adjourn to meet at 12:30 p.m. on Tuesday, May 18, 1999, for morning hour debates.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Kentucky?

There was no objection.

#### DISPENSING WITH CALENDAR WEDNESDAY BUSINESS ON WEDNESDAY NEXT

Mr. WHITFIELD. Mr. Speaker, I ask unanimous consent that the business in order under the Calendar Wednesday rule be dispensed with on Wednesday next.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Kentucky?

There was no objection.

#### SPECIAL ORDERS

The SPEAKER pro tempore. Under the Speaker's announced policy of January 6, 1999, and under a previous order of the House, the following Members will be recognized for 5 minutes each.

#### BASIC SCIENTIFIC RESEARCH FUNDING IMPORTANT FOR LIFE- SAVING DISCOVERIES

The SPEAKER pro tempore. Under a previous order of the House, the gentleman from Michigan (Mr. EHLERS) is recognized for 5 minutes.

Mr. EHLERS. Mr. Speaker, as the Members well know, I am a scientist. In fact, I am the first physicist ever elected to the Congress. That is not a particular badge of merit, but it does give me a different perspective.

I just want to elaborate a bit on some of the issues surrounding basic research, or fundamental research as it is sometimes called. I am frequently asked by my colleagues, and by the citizens of this land, why should we spend money for all this esoteric research? What good can it possibly do? What can come of it?

I want to just give my colleagues one little example that I think is interesting and important. When I was a graduate student at the University of California (Berkeley) in the 1950s, some of my fellow graduate students and some professors down the hall from my laboratory were working on nuclear magnetic resonance.

This was a method that they expected would allow them to measure the magnetic moments of nuclei very accurately. The immediate question that a layman might ask, "Who cares?" The nucleus is so tiny, we cannot see it. In fact if one magnified it 10,000 times, one could barely see it with the world's best microscope. Why do we want to know what the magnetic moment of the nucleus is?

The answer at that time was simply, "It is there, and we would like to measure it and see what we can find out."

My colleagues succeeded. Just a bit earlier, Felix Bloch at Stanford and Ed Purcell at Harvard also succeeded, and they won Nobel Prizes for their discovery of nuclear magnetic resonance. It was used to measure the magnetic moments of a number of nuclei, and we learned a great deal more about the nucleus and its structure as a result of that. But that was not the end, as I will get to in just a few moments.

Also while I was at Berkeley, they had the world's largest particle accelerator there, the Bevatron, which succeeded in accelerating protons to very, very high speeds, very close to the speed of light, thus giving them a great deal of energy. Then they would use these protons to smash into other particles, other protons or other nuclear particles. This generated many subnuclear particles, and detectors were built to observe all the different particles generated, and to measure their charge, mass and velocity.

The bubble chamber was invented, and was very useful for this purpose. Its inventor also won a Nobel Prize. Then the spark chamber was developed, and was also useful for observing nuclear reactions.

But then a new problem developed. There was so much data flowing in, it was hard to collect it all and analyze it. So the physicists developed very sophisticated, computerized methods of collecting and analyzing the data. They were successful, and we learned a lot about nuclear and subnuclear physics.

But so what? Well, I will tell my colleagues what is "so what." We have scientists who took those two very esoteric results of basic science, which had no conceivable everyday use and combined them. By using nuclear magnetic resonance and very rapid computerized data gathering and analysis techniques, we developed the MRI, magnetic resonance imaging, which is the greatest breakthrough in diagnostic medicine in a century, likely the greatest step forward in diagnostic medicine since the discovery of X rays, which incidentally also were discovered by a physicist doing basic research.

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So the next time someone asks about the importance of basic research, why should we do it, and why should we spend all this money on it, just ask them if they know someone who has had an x-ray or someone who has had an MRI, and ask them if they think this would have occurred if we had not invested money in basic research.

Basic research drives the engine of medicine, it drives the engine of our economy, and it is high time we recognize that investing in basic science is a good investment for the future, with a